

FORM PTO 1449 SEP 07 2004 E PATENT & TRADEMARK OFFICE		US Dept. of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO. ATMI-546-CIP-II		SERIAL NO. 10/784,750	
INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)				APPLICANT Frank DiMeo, Jr.			
				FILING DATE February 23, 2004		GROUP 2856	
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MD</i>	AA	10/273,036		Frank DiMeo, et al.			10/17/2002
	AB	6,265,222	6/24/2001	Frank DiMeo, Jr., et al.			
	AC	5,679,576 A	10/21/1997	Kawai, et al.			
	AD	5,612,489 A	3/18/1997	Ragsdale, et al.			
	AE	6,428,713 B1	8/6/2002	Christenson, et al.			
<i>MD</i>	AF	4,723,438 A	2/9/1988	Adler-Golden, et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES NO
							X (abstract only)
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>							
<i>MD</i>	AG	Anderson, B., et al., Semiconductor International, October 1993					
	AH	Ed P. Hagenmuller, Inorganic Solid Fluorides, Chemistry and Physics, Academic Press, 1985. (See Information Disclosure Statement Box 1)					
	AI	W. Moritz, et al., Sensors and Actuators B 24-25 (1995) 194-196, "Monitoring of HF and F2 using a field-effect sensor"					
	AJ	Dr. Shigeru Kurosawa, et al., Fluorine in Coatings II, Paper 33, pgs. 1-8, "Plasma Polymerisation of Fluorine Contained Polycyclic Compounds: Its Application in Chemical Sensors"					
	AK	Werner Moritz, et al., The 11th European Conference on Solid State Transducers, Warsaw, Poland, pgs. 111-114, September 21-24, 1997, "Gas Sensors for Fluorine Using Different Semiconductor Substrates"					
	AL	Semiconductor International, "Residual Gas Analysis", Oct. 1997, pgs. 94-100.					
<i>MD</i>	AM	W. Moritz, et al., "Silicon-Based Sensor for Fluorine Gas", American Chemical Society, pgs. 119-129.					
Continue on Page							
EXAMINER <i>Taegue</i>					DATE CONSIDERED <i>09/30/07</i>		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							



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Substitute for form 1449A/PTO <b>SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/784,750	
			Filing Date	2/23/2004	
			First Named Inventor	Dimeo Jr. et al.	
			Art Unit	2856	
			Examiner Name	Jacques M. Saint Surin	
Sheet	1	of	1	Attorney Docket Number	2771-546-CIP2

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
77	CK	US- 2001/0009652 - A1	07-26-2001	Amo, Jose I.	
	CL	US- 4,087,693 - A1	05-02-1978	Brown, William L., et al.	
	CM	US- 5,387,462 - A	02-07-1995	Debe, Mark K.	
	CN	US- 8,598,238 - B2	07-22-2003	Dimeo, Jr., Frank, et al.	
	CO	US- 7,080,545 - B2	07-25-2006	Dimeo, Jr., Frank, et al.	
	CP	US- 6,464,868 - A	11-07-1995	Gaetan, Michael, et al.	
	CQ	US- 5,900,128 - A	06-04-1999	Gumbrecht, Walter, et al.	
	CR	US- 5,376,265 - A	12-27-1994	Gumbrecht, Walter, et al.	
	CS	US- 6,895,805 - B2	05-24-2005	Hoagland, William	
	CT	US- 5,104,513 - A	04-14-1992	Lee, Tony C., et al.	
	CU	US- 4,480,779 - A	11-05-1984	Luc, Penelope J.	
	CV	US- 6,827,947 - A	10-27-1998	Miller, Cynthia A., et al.	
	CW	US- 6,634,213 - B1	10-21-2003	O'Connor, James M., et al.	
	CX	US- 3,764,289 - A	10-09-1973	Oldham, Keith B., et al.	
	CY	US- 2002/0029613 - A1	03-14-2002	Stetter, Joseph, et al.	
	CZ	US- 6,863,371 - B2	04-26-2005	Sugaya, Satoshi, et al.	
DA	US- 5,072,262 - A	12-10-1991	Uekita, Masakazu, et al.		
DB	US- 6,694,800 - B2	02-24-2004	Weckstrom, Kurt, et al.		

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
[Signature]	DC	SU - 1379832A - A1	03-07-1988	Falko, M.M., et al.		
	DD	JP - 01-094265 - A1	04-12-1989	Mukai Sadayoshi, et al.		

Examiner Signature	[Signature]	Date Considered	09/30/07
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Substitute for form 1449A/PTO <b>SEVENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10784,750
Sheet	1	of	1	Filing Date	2/23/2004
				First Named Inventor	Dimeo Jr. et al.
				Art Unit	2856
				Examiner Name	Jacques M. Saint Surlin
				Attorney Docket Number	2771-548-CIP2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number - Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	CK	US- 2001/0009652 - A1	07-28-2001	Arno, Jose I.	
	CL	US- 4,087,883 - A1	05-02-1978	Brown, William L., et al.	
	CM	US- 5,387,182 - A1	02-07-1995	Debe, Mark K.	
	CN	US- 8,698,239 - B2	07-22-2003	Dimeo, Jr., Frank, et al.	
	CO	US- 7,080,545 - B2	07-25-2006	Dimeo, Jr., Frank, et al.	
	CP	US- 5,484,888 - A	11-07-1995	Gaitan, Michael, et al.	
	CQ	US- 5,800,128 - A	08-04-1999	Gumbrecht, Walter, et al.	
	CR	US- 5,378,256 - A	12-27-1994	Gumbrecht, Walter, et al.	
	CS	US- 8,895,805 - B2	05-24-2005	Hoegland, William	
	CT	US- 5,104,513 - A	04-14-1992	Lee, Tony C., et al.	
	CU	US- 4,480,779 - A	11-05-1984	Luc, Penelope J.	
	CV	US- 5,827,947 - A	10-27-1998	Miller, Cynthia A., et al.	
	CW	US- 6,834,213 - B1	10-21-2003	O'Connor, James M., et al.	
	CX	US- 3,784,289 - A	10-09-1973	Oldham, Keith B., et al.	
	CY	US- 2002/0029813 - A1	03-14-2002	Stetter, Joseph, et al.	
	CZ	US- 6,883,371 - B2	04-26-2005	Sugaya, Satoshi, et al.	
	DA	US- 5,072,282 - A	12-10-1991	Uekita, Masakazu, et al.	
	DB	US- 6,894,800 - B2	02-24-2004	Weckstrom, Kurt, et al.	

FOREIGN PATENT DOCUMENTS					
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	DC	SU - 1379832A - A1	03-07-1988	Falko, M.M., et al.	
	DD	JP - 01-094265 - A1	04-12-1989	Mukai Sadaoyoshi, et al.	

Examiner Signature	Date Considered
<i>Jacques M. Saint Surlin</i>	09/30/07

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				Application Number	10/784,750
				Filing Date	2/23/2004
				First Named Inventor	Dimeo Jr. et al.
				Art Unit	2858
				Examiner Name	Jacques M. Saint Surin
				Attorney Docket Number	2771-546-CIP2
Sheet	1	of	1		

[illegible]

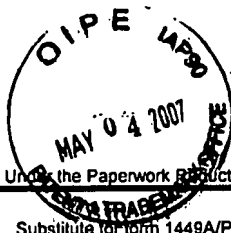
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code <sup>2</sup> - Number <sup>3</sup> - Kind Code <sup>4</sup> (if known)				
DB	CJ	JP - 2003-043001 - A	02-13-2003	Imaeda, Koichi, et al.		
DB	CJ	JP - 2003-043001 (English Translation) - A	02-13-2003	Imaeda, Koichi, et al.		X

Examiner Signature	<i>T. J. [Signature]</i>	Date Considered	09/30/07
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**FIFTH SUPPLEMENTAL  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/784,750
Filing Date	2/23/2004
First Named Inventor	Dimeo Jr. et al.
Art Unit	2192
Examiner Name	Ben C. Wang
Attorney Docket Number	2771-546-CIP2

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
[Signature]	BO	US- 6,443,179 - B1	09-03-2002	Benavides, Gilbert L., et al.	
	BP	US- 5,434,551 - A	07-18-1995	Chen, I-Cheng, et al.	
	BQ	US- 5,693,545 - A	12-02-1997	Chung, Young Sir, et al.	
	BR	US- 6,179,413 - B1	01-30-2001	Coulman, Donald J., et al.	
	BS	US- 5,602,051 - A	02-11-1997	Cronin, John E., et al.	
	BT	US- 6,274,198 - B1	08-14-2001	Dautartas, Mindaugas Fernand	
	BU	US- 6,383,401 - B1	05-07-2002	Labzantis, Daniel P., et al.	
	BV	US- 5,907,765 - A	05-25-1999	Lescouzeres, Lionel, et al.	
	BW	US- 6,093,308 - A	07-25-2000	Lewis, Nathan S., et al.	
	BX	US- 5,098,884 - A	03-24-1992	Mahulikar, Deepak	
	BY	US- 6,171,378 - B1	01-09-2001	Manginell, Ronald P., et al.	
	BZ	US- 6,100,587 - A	08-08-2000	Merchant, Sailesh Mansinh, et al.	
	CA	US- 3,999,947 - A	12-28-1976	Mihara, Toshihiro, et al.	
	CB	US- 6,284,666 - B1	09-04-2001	Naeem, Munir D., et al.	
	CC	US- 6,618,174 - B2	09-09-2003	Parker, William P., et al.	
[Signature]	CD	US- 4,872,759 - A	10-10-1989	Stich-Baumeister, Eva-M., et al.	
	CE	US- 6,236,046 - B1	05-22-2001	Watabe, Yoshifumi, et al.	
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

Examiner Signature	[Signature]	Date Considered	09/30/07
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/784,750
		Filing Date	2/23/2004
		First Named Inventor	Dimeo Jr. et al.
		Art Unit	2122
		Examiner Name	Not Yet Assigned
Sheet 1 of 1	Attorney Docket Number	2771-546-CIP2	

U.S. PATENT DOCUMENTS					
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		Number - Kind Code <sup>2</sup> (if known)			
<i>[Signature]</i>	BL	US- 6,198,052 - B1	03-08-2001	May, Iain, et al.	
	BM	US- 2002/0051132 - A1	05-02-2002	Ohno, Hiromoto, et al.	
	BN	US- 6,202,473 - B1	03-20-2001	Stokes, Edward Brittain, et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> - Number <sup>5</sup> - Kind Code <sup>6</sup> (if known)				

Examiner Signature	<i>[Signature]</i>	Date Considered	09/30/07
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Substitute for form 1448A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete If Known</b>	
				Application Number	10784,750
				Filing Date	2/23/2004
				First Named Inventor	Dimeo Jr. et al.
				Art Unit	2122
				Examiner Name	Unassigned
Sheet	1	of	1	Attorney Docket Number	2771-548-CIP2

[illegible][illegible]

Examiner Signature	Jacques Anglin	Date Considered	09/30/07
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\*EXAMINER: Initial If reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*Applicant's unique citation designation number (optional). \*See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. \*Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

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<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Sheet 1 of 1	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/784,750
	Filing Date	February 23, 2005
	First Named Inventor	DIMEO JR., et al.
	Art Unit	2122
	Examiner Name	Unassigned
	Attorney Docket Number	2771-546-CIP 2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
JPP	AV	US-3,676,293		07-1972	
	AW	US-6,463,789		10-15-2002	MOOS, et al.
	AX	US-6,637,253		10-28-2003	DEAN, et al.
	AY	US-3,523,408		08-1970	ROSENBERG, D.
	AZ	US-6,691,554		02-17-2004	EASTMAN, et al.
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JPP	BI	US-6,321,587		11-27-2001	LAUSH, C.
		US-			
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Examiner signature	<i>Jacques Fort</i>	Date Considered	09/30/07
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**INFORMATION  
DISCLOSURE STATEMENT  
BY APPLICANT**

Sheet 1 of 1

## COMPLETE IF KNOWN

Application Number	10/784,750
Filing Date	February 23, 2004
First Named Inventor	DIMEO JR., et al.
Art Unit	Unassigned 2856
Examiner Name	Unassigned SAINT-SURIN
Attorney Docket Number	2771-546-CIP2

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
JR	AN	US-6,553,354		05-13-2003	HAUSNER, et al.
	AO	US-5,752,410		05-19-1998	BERNSTEIN, et al.
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Examiner signature	Jacques Jant	Date Considered	09/30/07
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